

connection to said robot arm, said support connection being on the ground.

sub
sub 101

3. (AMENDED) An amusement ride as claimed in Claim 1, further comprising a support connection to said robot arm, said support connection being connected to a wall.

A1

4. (AMENDED) An amusement ride as claimed in Claim 1, further comprising a support connection to said robot arm, said support connection being connected to a ceiling.

5. (AMENDED) An amusement ride as claimed in Claim 1, further comprising a carousel, the robot arm being mounted on said carousel.

6. (AMENDED) An amusement ride as claimed in Claim 1, further comprising a column, said robot arm being mounted on said column.

7. (AMENDED) An amusement ride as claimed in Claim 6, wherein said column is provided with means to cause vertical movement of the ride along a path parallel to an axis of the column.

8. (AMENDED) An amusement ride, as claimed in Claim 6 or 7, wherein said column is mounted on a carousel.

9. (AMENDED) An amusement ride as claimed in Claim 1, wherein the passenger station comprises one or more seats.

10. (AMENDED) An amusement ride as claimed in Claim 1, wherein the passenger station has means for audio-visual interaction.

11. (AMENDED) An amusement ride as claimed in Claim 10, wherein the audio visual interaction is respectively provided by speakers and a display means.

12. (AMENDED) An amusement ride as claimed in Claim 11, wherein the audiovisual interaction is synchronized with movements of the said ride.

13. (AMENDED) An amusement ride as claimed in Claim 11 or Claim 12, wherein the audio-visual interaction is stored on a data carrier.

14. (AMENDED) An amusement ride as claimed in Claim 13, wherein the data carrier is a Mini Disc, a CD-ROM, a magneto-optical device, a video tape, a hard drive, a Digital Versatile Disc (DVD) or equivalent data carrier.

15. (AMENDED) An amusement ride as claimed in Claim 14, wherein the audio visual interaction is stored on a combination of any two or more of said data carriers.

16. (AMENDED) An amusement ride as claimed in Claim 1, further comprising lights for providing lighting effects throughout the ride.

17. (AMENDED) An amusement ride as claimed in Claim 16, further comprising synchronizing means for synchronizing the lighting effects with the ride.

18. (AMENDED) An amusement ride as claimed in Claim 16, or Claim 17, wherein the lighting effects comprise one or more of strobe, laser or disco light effects.

19. (AMENDED) An amusement ride as claimed in Claim 11, wherein the display means comprises a plasma screen, a liquid crystal display (LCD), an active matrix Organic Light Emitting Diode display (OLED) or a Light Emitting Polymer (LEP) display.

20. (AMENDED) An amusement ride as claimed in Claim 9, wherein the passenger station seats include a retaining means for retaining a passenger relative to the seats.

21. (AMENDED) An amusement ride as claimed in Claim 20, wherein the retaining means comprises a belt or similar harness.

22. (AMENDED) An amusement ride as claimed in Claim 20, wherein the retaining means comprises a pull down harness.

23. (AMENDED) An amusement ride as claimed in Claim 20 or 21 or 22, further comprising a linear actuator wherein the retaining means is in operative engagement with the linear actuator.

24. (AMENDED) An amusement ride as claimed in claim 1, further comprising a weight sensor.

25. (AMENDED) An amusement ride as claimed in Claim 24, wherein the weight sensor acts, in use, to counter out of balance loads.

26. (AMENDED) An amusement ride as claimed in Claim 24, wherein the weight sensor acts, in use, to counter a maximum weight overload.

Subj2
27. (AMENDED) An amusement ride as claimed in claim 1, further comprising a controller.

28. (AMENDED) An amusement ride as claimed in Claim 27, wherein the controller is located in the passenger station.

29. (AMENDED) An amusement ride as claimed in Claim 27, wherein the controller is located at or adjacent to a passenger entrance to the ride.

Dub
30. (AMENDED) An amusement ride as claimed in Claim 27 or 28 or 29, wherein the controller is used to select a pre-programmed ride.

C2
31. (AMENDED) An amusement ride as claimed in Claim 27 or 28 or 29, wherein the controller is used to control said amusement ride independently of a pre-programmed ride.

32. (AMENDED) An amusement ride as claimed in Claim 1, further comprising a joy stick controller.

M
33. (AMENDED) An amusement ride as claimed in Claim 1, further comprising a steering wheel controller.

34. (AMENDED) An amusement ride as claimed in Claim 1, further comprising a joypad controller.

35. (AMENDED) An amusement ride as claimed in Claim 1, further comprising a controller including a foot pedal.

36. (AMENDED) An amusement ride as claimed in Claim 1, further comprising a controller with one or more of a joy stick, a steering wheel, a joypad and a foot pedal.

37. (AMENDED) An amusement ride as claimed in Claim 1, further comprising a ticket reader for reading a ticket, said ticket being compatible with said ride.

38. (AMENDED) An amusement ride as claimed in Claim 37, wherein the ticket is a card made from a plastic material.

39. (AMENDED) An amusement ride as claimed in Claim 37 or 38, wherein the ticket has a code defining a pre-programmed ride.

40. (AMENDED) An amusement ride as claimed in Claim 39, wherein the ticket code is a bar code.

41. (AMENDED) An amusement ride as claimed in Claim 39, wherein the code is contained in a microchip incorporated in the ticket.

42. (AMENDED) An amusement ride as claimed in claim 1, further comprising one or more steps with said platform in operative engagement with said steps.

43. (AMENDED) An amusement ride as claimed in Claim 42, wherein the platform is adapted for pivotal movement about a substantially horizontal axis.

44. (AMENDED) An amusement ride as claimed in Claim 42 or 43, further comprising an actuator wherein the platform is raised and lowered about its axis by said actuator.

45. (AMENDED) An amusement ride as claimed in Claim 44, wherein said actuator is one of a hydraulic actuator and a pneumatic actuator.

46. (AMENDED) An amusement ride as claimed in Claim 44, further comprising another actuator that is a hydraulic actuator to raise and lower the platform and said actuator is a pneumatic actuator.

47. (AMENDED) An amusement ride as claimed in Claim 1, further comprising one or more steps in engagement with the platform.

48. (AMENDED) An amusement ride as claimed in Claim 1, wherein the platform is retractable into a stowage box and is extendable in use to a loading position.

49. (AMENDED) An amusement ride as claimed in Claim 48, further comprising an actuator for retracting and extending the platform.

50. (AMENDED) An amusement ride as claimed in Claim 49, wherein said actuator is one of a hydraulic actuator and a pneumatic actuator.

51. (AMENDED) ~~An amusement ride as claimed in Claim 48, further comprising a hydraulic actuator and a pneumatic actuator for retracting and extending said platform.~~

52. (AMENDED) An amusement ride as claimed in Claim 1, further comprising a safety barrier associated with the platform.

53. (AMENDED) An amusement ride as claimed in Claim 52, wherein the safety barrier is adapted for pivotal movement about a substantially vertical axis.

54. (AMENDED) An amusement ride as claimed in Claim 52, wherein said safety barrier and said platform are each adapted for pivotal movement about a substantially 45° axis.

55. (AMENDED) An amusement ride as claimed in claim 1, further comprising safety means.

56. (AMENDED) An amusement ride as claimed in Claim 55, wherein the safety means is controlled by a computer.

57. (AMENDED) An amusement ride as claimed in Claim 55, wherein the safety means comprises actuators.

58. (AMENDED) An amusement ride as claimed in Claim 57, wherein the actuators are one or more of electro-mechanical actuators, hydraulic actuators and pneumatic actuators.

Sub P

59. (AMENDED) An amusement ride as claimed in Claim 55, wherein the safety means limits a Gforce generated by the ride.

60. (AMENDED) An amusement ride as claimed in claim 1, further comprising: another output member having an anthropomorphic robot arm with six degrees of movement; and another passenger station in movable engagement with said another output member.

M

61. (AMENDED) An amusement ride as claimed in Claim 60, wherein said another output member and said another passenger station are programmed to move synchronously with said output member and said passenger station.

62. (AMENDED) An amusement ride as claimed in Claim 60, further comprising: a further output member having an anthropomorphic robot arm with six degrees of movement; and a further passenger station in movable engagement with said further output member wherein said another output member and said another passenger station are programmed to move synchronously with said output member and said passenger station and said further output member and said further passenger station.

63. (AMENDED) An amusement ride as claimed in claim 1, further comprising optical emitter and receiver assemblies to monitor an aligning procedure.

64. (AMENDED) An amusement ride as claimed in Claim 63, further comprising optical emitter and receiver assemblies to monitor said ride throughout a ride sequence.

65. (AMENDED) An amusement ride as claimed in Claim 64, wherein the optical emitter and receiver assemblies are selected from the group consisting of infra-red, photoelectric and laser emitter and receiver assemblies.

fl
sub
66. (AMENDED) An amusement ride as claimed in claim 60, wherein said another output member and said another passenger station are linked for actuation with said output member and said passenger station to provide a combat game.

C3
sub
67. (AMENDED) An amusement ride as claimed in Claim 66, wherein the passenger stations are fitted with optical emitter and receiver assemblies.

sub
68. (AMENDED) An amusement ride as claimed in claim 1, wherein the ride is waterproofed for use in a splash park.

CH
69. (AMENDED) An amusement ride as claimed in Claim 68, wherein the ride is used